Page 3, line 1, after "Hoppe,", change "H-U" to --H.U--.

Page 3, line 5, after "Lehn", change "J.-M." to --J.M.--

Page 3, line 6, after "formed", insert --,--.

Page 3, line 13, after "particularly", change "form" to --from--.

Page 3, line 15, after "Huc and", change "J-M" to --J.M--.

Page 3, line 29, after "Ramsay", insert --,--.

Page 4, line 4, after "detection of", delete "a".

Page 4, line 10, change "Methods in Enzymology" to -- Methods in Enzymology".

Page 4, line 11, change "266 308" to --266-308--.

Page 4, line 12, after "hybridization", insert --,--.

Page 4, line 15, change "Nucleic Acid Hybridization - A Practical Approach" to --Nucleic

Acid Hybridization - A Practical Approach--.

Page 4, line 17, change "73 111" to --73-111--.

Page 4, line 29, change "278 282" to --278-282--.

Page 5, line 7, after "under", delete "the".

Page 5, line 30, change "chip.)." to --chip.--

Page 6, line 24, change "mis-match" to --mismatch--.

Page 7, line 14, change "condition" to --conditions--.

Page 7, line 15, change "was" to --were--.

Page 7, line 30, change "hybridizations systems" to --hybridization system--.

Page 8, line 8, after "at", delete "an".

Page 8, line 21, after "involve", delete "a".

Page 9, line 2, change "effect" to --effective-- and change "array, therefore" to --array; therefore,--.

Page 9, line 11, change "carryout" to --carry out--.

Page 9, line 23, after "serve as", insert --a--.

Page 9, line 25, change "processes;" to --processes,"--.

Page 10, line 16, change "real" to --real---.

Page 10, line 18, change "structures" to --structure's--.

Page 10, line 25, change "Feed back" to --Feedback--.

Page 10, line 29, change "specificity," to --specificity--.

Page 11, line 27, change "acid like" to --acid-like--.

Page 12, line 5, delete "the" after "position in".

Page 12, line 21, change "triad" to --triad---.

Page 12, line 22, change "suprastructure, involves" to --suprastructure involve--.

Page 13, line 2, change "peptide's" to --peptides--.

Page 14, line 5, change "use" to --used--.

Page 14, line 15, change "format" to --formats--.

Page 14, line 19, change "format" to --format,--.

Page 14, line 27, change "Formats" to --formats--.

Page 15, line 24, after "for", insert --the--.

Page 16, line 6, change "ladder like" to --ladder-like--.

Page 17, line 8, change "Figures13a" to --Figures 13a--.

Page 17, line 10, change "(13 a)" to --(13a)-- and change "(13 b)" to --(13b)--.

Page 20, line 1, change "receptor" to --receptors--.

Page 20, line 6, change "carryout" to --carry out--.

Page 20, line 10, "invention" to --invention,--.

Page 20, line 24, change "binding;" to --binding,--.

Page 21, line 3, change "pp1-74" to --pp. 1-74--.

Page 21, line 12, after "include", insert --,--.

N.E. Page 22, line 4, change "structures". " to --structures". --

Page 22, line 5, change "invention" to --invention,--.

Page 22, line 19, change "particularly" to --particular--.

N.E. Page 22, line 23, change "DNA" to --DNA,--.

Page 22, line 24, change "including" to --include--.

Page 22, line 26, change "characteristic" to --characteristics--.

Page 22, line 28, change "P-RNA" to --p-RNA--.

Page 23, line 7, change "pRNA" to --p-RNA--

Page 23, line 26, change "p-RNA's" to --p-RNAs--

Page 23, line 28, change "include" to --include,--

Page 23, line 30, change "p-RNA's" to --p-RNAs--

Page 25, line 1, change "which" to --"which,--

Page 25, line 7, change "bond" to --bonds--

Page 25, line 8, change "interaction" to --interactions--

Page 25, line 11, change "interaction" to --interactions--

Page 25, line 12, change "interaction" to --interactions--

Page 25, line 13, change "interaction" to --interactions--

Page 25, line 14, change "includes" to --includes,--

Page 25, line 19, change "limited," to --limited--

Page 25, line 24, change "paring" to --pairing--

Page 26, line 15, change "radio isotope" to --radioisotope--

Page 27, line 5, change "P-RNA" to --p-RNA--

Page 27, line 8, change "P-RNA" to --p-RNA--

Page 27, line 9, change ";" to --,--

Page 27, line 20, change "P-RNA" to --p-RNA--

Page 27, line 23, change "P-RNA" to --p-RNA--

Page 28, line 5, change "pRNA" to --p-RNA--

Page 28, line 12, change "micro sensor" to --microsensor--

Page 29, line 12, change "ladder for" to -- ladder-form--

Page 29, line 15, change "p-RNA's" to --p-RNAs--

Page 29, line 27, after "in the" delete "their"

Page 30, line 2, change "A" to --(A)--

Page 30, line 2, change "B" to --(B)--

Page 30, line 3, change "C" to --(C)--

Page 30, line 6, change "contiguous" to --contiguous,--

Page 30, line 26, change ";" to --,--

Page 30, line 27, change "sometime" to --sometimes--

Page 30, line 30, change "groups" to --groups,--

Page 31, line 19, change "sequence this" to -- sequence. This--

Page 32, line 6, change "position" to --position,--

Page 32, line 7, change "with in" to --within--

Page 32, line 8, change "**(I)**" to --(I)-- by removing bolding

Page 32, line 14, change "include" to --include,--

Page 32, line 23, change "form" to -- formed--

Page 33, line 8, change ".p-RNA" to --. p-RNA--

Page 33, line 11, change "form" to --from--

Page 35, line 16, change "form" to --from--

Page 35, line 29, change "forms" to --form--

Page 36, line 2, change "with100" to --with 100--

Page 36, line 17, change "and" to --an--

Page 36, line 20, change "structure function" to --structure-function--

Page 36, line 21, after "site" delete ";"

Page 37, line 7, correct " " " " " after "descriptor"

Page 37, line 23, change "coupled" to --coupled,--

Page 37, line 23, after "(within three bases)" insert --,--

Page 37, line 24, after "cases" insert --,--

Page 37, line change "**I**" to --I-- by removing bolding from letter

Page 38, line 16, change "," after "flurophores" to --;--

Page 38, line 21, change "see" to --. See--

Page 38, line 25, change "system" to --systems--

Page 38, line 27, after many delete "of" and after "applications insert "."

Page 38, line 28, change "these" to --These--

Page 39, line 13, after "about" insert "a"

Page 39, line 16, change "R-1group" to --R-1 group--

Page 39, line 22, change "form" to --from--

Page 40, line 20, change "Acetylcholine" to --acetylcholine--

Page 40, line 22, change "un-favorable" to --unfavorable--

Page 40, line 23, change "Acetylcholine" to --acetylcholine--

Page 40, line 24, change "un-favorable" to --unfavorable--

Page 41, line 2, change "un-favorable" to --unfavorable--

Page 41, line 2 change "Acetylcholine" to --acetylcholine--

Page 41, line 13, after "is" insert --,--

Page 41, line 14, after "course" insert --,--

Page 42, line 5, after "ligands" delete --s--

Page 42, line 16, after "invention" delete "being" and insert --is a--

Page 42, line 17, change "structures" to --structure--

Page 42, line 22, change "process" to --processes-- and "allow" to --allows--

Page 42, line 26, change "Feed back" to --Feedback--

Page 43, line 5 after "type" insert --of--

Page 43, line 6, change "de-convolute" to --deconvolute--

Page 43, line 11, after "formed" insert --,-- and after "effectiveness," delete "," and after "and" insert ","

Page 43, line 19, change "non-specifically" to --nonspecifically--

Page 43, line 21, change "p-RNA-peptide" to --p-RNA peptide--

Page 43, line 26, change "particularly" to --particular--

Page 43, line 29, change "non-productive" to --nonproductive--

Page 44, line 2, change "non-specific" to --nonspecific--

Page 44, line 24, after "SN" delete --;--

Page 45, line 10, after "arrays" delete --,--

Page 45, line 18, change ",1997" to --, 1997--

Page 45, line 19, change "pp365" to --pp 365--

Page 45, line 23, change "RNA-histidine" to --RNA histidine--

Page 45, line 28, change "RNA-peptides" to --RNA peptides--

Page 45, line 29, change "RAN-peptides" to --RNA peptides--

Page 46, line 12, change "know" to --known--

NE· Page 46, line 24, after "a" add --an--

Page 46, line 29, change "non-specific" to --nonspecific--

Page 47, line 1, after "general" add --,--

Page 47, line 2, after "designed" add --to--

Page 47, line 11, after "is" add --,-- and after ")" insert --,--

Page 48, line 4, after "Combinations" insert --,-- and after "some" insert --,--

Page 48, line 9, after "conditions" insert --,--

Page 48, line 10 after "sequences" delete --,--

Page 48, line 20, after "process" insert --,--

Page 49, line 2, change "influence" to --influenced--

Page 49, line 16, change "use" to --used--

Page 49, line 18, change "non-specific" to --nonspecific--

Page 49, line 20 change "p-RNA-" to --p-RNA--

Page 49, line 21, after "application of" insert --the--

Page 49, line 24, change "p-RNA-" to --p-RNA--

Page 50, line 13, change "Cholinergic" to --cholinergic--

Page 51, line 3, change "lowing" to --lowering--

Page 51, line 6, after "process" insert --,--

Page 51, line 10, change "scenarios" to --sceanario--

Page 51, line 19, change "influence" to --influenced--

Page 51, line 20, change "use" to --used--

Page 51, line 22, change "non-specific" to --nonspecific--

Page 51, line 26, after "application of" insert --the --

Page 51, line 27, change "p-RNA-" to --p-RNA--

Page 51, line 30, change "p-RNA-" to p-RNA--

Page 52, change "shows" to --show--

Page 52, line 7, change "p-RNA-" to --p-RNA--

Page 52, line 9, after "would" insert --be--

Page 52, line 11 change "p-RNA-" to --p-RNA--

Page 52, line 12, after "step" insert --,--

Page 52, line 15, after "process" insert --,--

Page 52, line 30, change "p-RNA-" to --p-RNA--

Page 53, line 3, change "p-RNA-" to --p-RNA--

Page 53, line 6, change "p-RNA-" to --p-RNA--

Page 54, line 5, change "fromats" to --formats--

Page 55, line 2, after "include" insert --,--

Page 55, line 3, after "to" insert --:--

Page 55, line 10, change "spetic" to --septic--

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N.E.   Page 55, line 17, change "(7)" to --7--

Page 55, line 22, after "step" insert --,--

Page 56, line 25, change "represent" to --represents--

Page 57, line 5, change "it's" to --its--

Page 57, line 12, after "demonstrates" delete --a--

Page 57, line 13, after "achieving" delete --a--

Page 57, line 16, after "Example" delete --#--

Page 57, line 17, change "anti s u b unit" to --antisubunit--

Page 58, line 10, change "-precursers" to --precursers--

Page 58, line 11, change "where" to --were--

Page 58, line 16 after "moities" insert --,--

Page 58, line 17, after "via" delete --a--

Page 58, line 20, change "*J. Am Chem. Soc.*" To --J. Am. Chem.--

Page 58, line 25, change "hydrochlorid" to --hydrochloride--

Page 59, line 8, change "*J. Am Chem. Soc.*" To --J. Am. Chem.--

Page 59, line 10, change "shaked" to --shaken--

N.E.   Page 59, line 21, after B, delete --)-- and after ¼), insert --,--

Page 59, line 28, change "1ml" to --1 ml--

Page 60, line 13, change "deprodected" to --deprotected--

Page 60, line 17, change "deprodected" to --deprotected--

Page 60, line 22, change "supoport" to --support--

Page 60, line 26, after "after" delete --the--

Page 60, line 2, change "I" to --I-- and "TR" to --TR-- no bolding of letters

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Page 60, line 3 change "**Biotine**" to --Biotine-- and "**I**" to --I-- no bolding of letters

Page 60, line 8, change "**I**" to --I-- no bolding of letter

Page 60, line 9, change "**TR**" to --TR--no bolding of letters

Page 60, line 10, change "**Cy3**" to --Cy3-- no bolding of letters

Page 60, line 11, change "**I**" to --I-- no bolding of letter

Page 61, line 23, change "*p-*" to --p--- no italics

Page 61, line 25, change "*p-*" to --p---no italics

Page 62, line 4, change "any where" to --anywhere--

Page 62, line 5, change "procedure" to --procedures--

Page 62, line 8, after "product" delete --,-- and after "was" delete --,--

Page 62, line 10, change "*p-*" to --p---

Page 63, line 8, after "behaviors" delete --;-- and insert --,--

Page 63, Table 2, under "Sequence", change "**I**" to --I-- by removing bolding of letter

Page 63, Table 2, under "Sequence", change "**II**" to --II-- by removing bolding of letter

Page 63, Table 2, under "Sequence", change "**III**" to --III-- by removing bolding of letter

Page 63, Table 2, under "Sequence", change "CC**I**CG**I**GG" to --CCICGIGG--by removing bolding of letter "**I**"

Page 63, Table 2, under "Sequence" change "C**I**C**I**G**I**G" to --CICIGIGI-- by removing bolding of letter "**I**"

Page 64, line 1 change "**I*-I*-**" to --I*-I*-- no bolding of letters and asterisks

Page 64, Table 3, under "Sequence" change "**II**" to --II-- by removing bolding of letter

Page 64, Table 3, change "Sequence" to --**Sequence**-- by adding bolding to word

Page 64, line 15, change "Tm" to --T_m --

Page 64, line 17, change "Tm" to --T_m--

Page 65, line 5 after "sequence" delete --;-- and insert --,--

Page 65, line 6, change "71 sequence" to --71 sequence"

Page 65, line 11, change "T_m's" to --T_ms --

Page 65, line 13, change "T_m's" to --T $_m$s --

Page 65, line 14, after "fact" insert --,--

Page 65, line 17, after "advantage" delete --,--

Page 65, line 24, after "triad" delete --,--

Page 65, line 30, change "Exp-1above" to --Example--

Page 66, line 1, after "component" delete --;-- and insert --,--

Page 66, line 3, after "component" delete --;-- and insert --,--

Page 66, line 13, after ")" delete --;-- and insert --,--

Page 66, line 29, change "wasoverlayed" to --was overlayed--

Page 67, line 2, change "1 M" to --1M--

Page 67, line 6 delete space before "M"

Page 67, line 16, after "strand" delete --,--

Page 68, line 13, after "evidenced" delete --that--

Page 68, line 28, after "Gondatropin" insert --,--

Page 69, line 10, after "type" insert --of--

Page 69, line 13, after "arrays" insert --.--

Page 69, line 24, change "2:Mathematical" to --2: Mathematical--

Page 70, line 18, after "however" delete --,-- and insert --;--

Page 70, line 18, after ")" insert --,--

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